

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

All claims currently being amended are shown with deleted text struckthrough or double bracketed and new text underlined. Additionally, the status of each claim is indicated in parenthetical expression following the claim number.

Claims 14-17 and 20-21 remain in this application.

WHAT IS CLAIMED IS:

1. - 13. (Cancelled)
14. (Previously Presented) A first computer program embodied on a computer-readable medium which adapts a client general purpose computer which determines and transmits optical lens sizing and prescription data comprising:
 - (a) a code segment for retrieving a stored image of a represented optical lens object;
 - (b) a code segment for deriving said optical lens object center coordinates from said stored image;
 - (c) a code segment for deriving a starting radian of said optical lens object center coordinates from said stored image;
 - (d) a code segment for centering a retrieved stored image;
 - (e) a code segment for deriving the radial shape of said optical lens object from said stored image;
 - (f) a code segment for deriving the size of said derived radial shape of said optical lens object from said stored image;

- (g) a code segment for smoothing said derived radial shape;
- (h) a code segment for identifying and retrieving patient related information from said scanned image;
- (i) a code segment for transmitting said derived optical lens object radial shape, size, center and patient related information from a client central processing unit to a server general purpose computer, said server general purpose computer executing a second computer program which adapts the server general purpose computer to communicate with the client general purpose computer in response to said client computer's transmission of said derived optical lens object radial shape, size, center and patient related information.

15. (Previously Presented) The computer program of claim 14 further comprising:

- (a) a code segment for modifying the size of said derived radial shape; and,
- (b) a code segment for altering and displaying a rotatable view of said derived radial and smoothed shape.

16. (Previously Presented) The second computer program of claim 21 further comprising the transmission of client directed information from said server central processing unit to said client central processing unit.

17. (Previously Presented) The computer program of claim 21 further comprising the transmission of said information from said server central processing unit to a plurality of client central processing units.

18. – 19. (Cancelled)

20. (Original) The computer program of claim 14 further comprising:

(a) a code segment for identifying and retrieving patient related information from scanned image.

21. (Previously Presented) A second computer program embodied on a computer-readable medium which adapts a server general purpose computer to communicate with a client general purpose computer in response to said client computer's transmission of optical lens sizing and prescription data, said client general purpose computer embodying and executing a first computer program which adapts the client general purpose computer to determine and transmit optical lens sizing and prescription data to said server general purpose computer, the first computer program comprising:

- (a) a code segment for retrieving a stored image of a represented optical lens object;
- (b) a code segment for deriving said optical lens object center coordinates from said stored image;
- (c) a code segment for deriving a starting radian of said optical lens object center coordinates from said stored image;
- (d) a code segment for centering a retrieved stored image;
- (e) a code segment for deriving the radial shape of said optical lens object from said stored image;
- (f) a code segment for deriving the size of said derived radial shape of said optical lens object from said stored image;
- (g) a code segment for smoothing said derived radial shape;
- (h) a code segment for identifying and retrieving patient related information from said scanned image;

- (i) a code segment for transmitting said derived optical lens object radial shape, size, center and patient related information from a client central processing unit to a server general purpose computer, said server general purpose computer executing a second computer program which adapts the server general purpose computer to communicate with the client general purpose computer in response to said client computer's transmission of said derived optical lens object radial shape, size, center and patient related information.